

# Controllers & Analysers

## M30 - Touch



### DESCRIPTION

The M30 touch controller represents the ultimate Aqua technology. Based on a powerful Android-Linux platform, the wide display always shows the status of relays and alarms while it continues to perform measurements in real time.

- 7" inch- display touchscreen controller
- Up to six measures
- Six relay outputs fully programmable for all measures
- One alarm relay programmable for all set-points
- Four analog mA outputs
- Flow and level input sensors
- Wi-Fi connection
- Data memory recorder (every day for 10 years)
- Statistics graphic line chart for all measures
- Supports Smtip server for email sending
- Help text during set-point, calibration and other procedures

### MEASURE AND SET-POINT COMBINATION

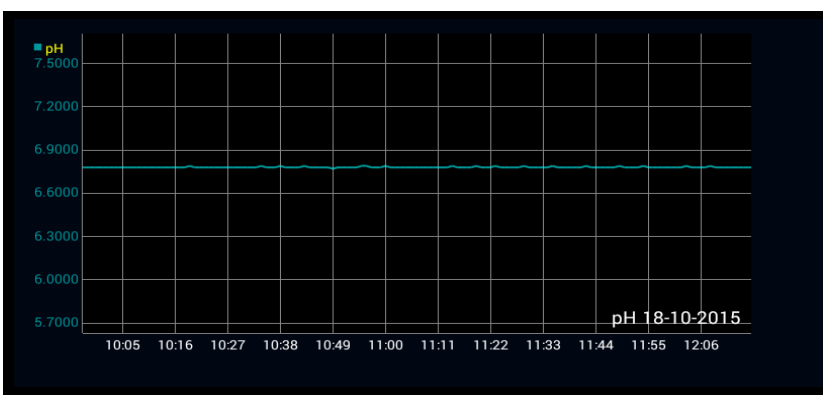
- pH, redox, free chlorine, conductivity, turbidity, oxygen and temperature measure combinations
- One or two set-points programmable for a total of six output relays for each measure
- Set-point features with alarm lock, flow lock, over dosing time and delay
- Four 4-20mA programmable output signals (1 for each measure) with selectable range and galvanic separation
- Two frequency output signals (1 for each measure) with selectable range
- One relay for alarm

Parameter	pH	RX	CL(*)	CD(**)	TB Turbidity	Oxygen	Temperature	Price £
Range	0-14 pH	0-1999 mV	0-10 ppm	0-1999 mS k=1	0-20 NTU 0-200 NTU 0-1000 NTU	0-20 ppm	0-100 'C	
Resolution	0.01 pH	1mV	0.01 ppm	1% mS	0.01 NTU	0.01 ppm	0.1'C	

(\*) also available membrane sensor version; in this case the measure range depends on sensors specifications (Contact)

(\*\*) On request there is other conductivity measuring ranges

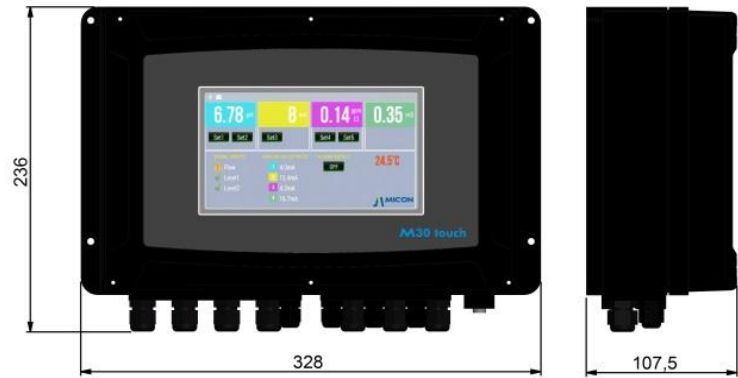
Current output	4 programmable 4-20mA with selectable range -400 ohm max - with galvanic separation
Frequency output	2 Selectable with galvanic separation
Set-point	6 Output free contact relays (5A max)
Level probe	2 Level probe inputs
Flow sensor	1 flow probe input



## M30 Touch - Controller

### Spec

Display	7" inch 800x480 display resolution
Keypad	5 point touch screen
Measure	6 independent parameter inputs
Outputs	6 setpoint relays 1 alarm 4 analog mA out 2 frequency output
Common inputs	1 Flow sensor, 2 level sensor, 1 water meter
Connection	Wi-Fi single band 2.4GHz IEEE 802.11b/G
e-mail	Support smtp email server for datalog file ding
Data logger	Up to 10 years file memory storage
Power supply	100...240Vac
box	In ABV V0 with IP65 protection
Dimensions	328 x 236 x 107.5 mm
Weight	1.150gr



## Probes & Accessories



Code	Description	Model	Cable length mt	Price
ADELTPH01	Combination pH/ Redox electrodes with bonded cable, epoxy body Maximum pressure 5 Bar, Maximum temperature 40°C	A-Ph 1	1	
ADELTPH05		A-Ph 5	5	
ADELTPH10		A-Ph 10	10	
ADELTRX01		A-Rx 1	1	
ADELTRX05		A-Rx 5	5	
ADELTRX10		A-Rx 10	10	



Code	Description	Use	Range PPM	Price
ADCG2	Pt-cu amperometric probe for free chlorine	Inorganic chlorine	0-10	
ADCG5F	Pt-cu amperometric probe for free chlorine + flow + pH or Rx probe holder	Inorganic chlorine	0-10	
ADCG6F	Pt-cu amperometric probe for free chlorine + flow + pH and Rx probe holder	Inorganic chlorine	0-10	
SCM-3	Amperometric sensor to selective membrane. Temperature automatic compensation. Sensor diameter 25mm x 210mm long max pressure 1 bar. Suggested flow rate 45-135l/h range 6.5-8.0 cable extra	Inorganic chlorine	0-10	
700063	Cable for above membrane electrode			



Code	Description	K Factor	Range	Price
ADPACDK1	Conductivity Cell K1. Body PVC max Temperature 50°C SS316 electrodes Cable length 3 m Connection 1/2"MBSP	1	0-100 mS	
ADAPACDK5	Conductivity Cell K5. Body PVC max Temperature 50°C SS316 electrodes Cable length 3 m Connection 1/2"MBSP	5	0-200uS 2000uS	0-



Code	Description	Pressure Max	Range	Price
STB1	Turbidity Cell. PVC Body, recommended flow rate 15l/h construction in PVC body	1 bar	0-40NTU 200NTU 1000NTU	0-

## Probes & Accessories



Code	Description	Cable length	Range	Price
OXY1	Dissolved Oxygen Probe - Diameter 12mm. Mounting: Pg 13,5mm. Flow min 0.03 m/s	5 metres	0-20 mg/l O <sub>2</sub>	



Code	Description	Use	Range	Price
ADSTS100	PT100 Probe body PVC - electrode AISI 1/2" MBSP	Modular	0-60°C	
ADSTC100NC	PT100 probe body PVC DN12 probe holder	Modular/ Inline	0-40°C	
ADSP4000622	3/4" MBSP x 1/2" FBSP adaptor (ADSTS100)	Modular		
ADSP5007205	O ring to suit above adaptor	Modular		



Code	Description	Use	connections	Price
ADSP3600004	Modular with filter - Flow sensor - sample point - Temperature probe connection	Modular	1/2" - 10x14mm	



ADSP3600005	Modular pH/redox probe holder	Modular		
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ADSP3600010	Modular chlorine membrane electrode holder	Modular		
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ADSP3600009	Modular electrode holder PG13.5 (OXY1)	Modular		
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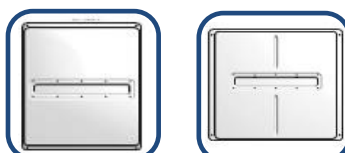
ADPSM097	Modular probe holder with filter - 1x pH/Redox probe holder	Modular	1/2" - 10x14mm	
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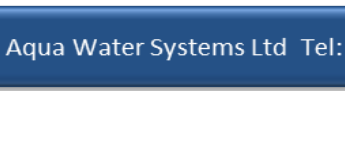
ADPSM01233	Modular probe holder with filter - flow sensor - 2x pH/Redox probe holder	Modular	1/2" - 10x14mm	
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ADPSM0126	Modular probe holder with filter - flow sensor - 1x Chlorine membrane probe holder	Modular	1/2" - 10x14mm	
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ADSP6100087	Connection kit for to Modules	Modular		
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ADSP6100088	10x14mm pipe connection kit	Modular		
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ADSP6000254	10x14mm hose connection kit	Modular		
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Code	Description	Pipe Dia	connections	Price
ADSP6000111	Threaded T collar for pipes & probe holder	50mm	1/2" FBSP	
ADSP6000113	Threaded T collar for pipes & probe holder	63mm	1/2" FBSP	

Code	Description	Dia	connections	Price
ADPST1	Threaded / inline probe holder pH & Redox	12mm	1/2" MBSP	
ADPSD2	Modular bowl probe holder with 2x pH/RX compatible connection points		1/2" MBSP	

Code	Description	Dia	Length	Price
ADPSI05	Immersion/Dip probe holder pH & Redox	32mm	50cm	
ADPSI10	Immersion/Dip probe holder pH & Redox	32mm	100cm	
ADPSI15	Immersion/Dip probe holder pH & Redox	32mm	150cm	
ADPSI20	Immersion/Dip probe holder pH & Redox	32mm	200cm	
ADPSI30	Immersion/Dip probe holder pH & Redox	32mm	300cm	

Code	Description	Type	Value	Price
ADSPH4	Buffer solutions	pH	4	
ADSPH7		pH	7	
ADSPH9		pH	9	
ADSRX		Rx	475	

Code	Description	size	Price
ADSP4000048	Board mount panel option	500 x 600 mm	
ADSP4000045	Board mount panel option	600 x 650 mm	